

ABSTRACT

A family of spacers of various sizes for securing a standardized terminating electrical protection device (such as one of the "snap-cap" type) to an electrical energy power source (i.e., a lithium electrochemical cell) is described. The terminating protection device is mounted on a header for an electrochemical cell and contains a circuit board provided with electrical components, such as diodes and fuses. The function of the circuit board is generally to protect the cell from being overcharged or too rapidly discharged, and the like. The spacers are sized to take up the space between the edge of the cell and the edge of the terminating protection device. That way, only variously sized spacers need to be stocked. The spacers are relatively simple to manufacture and inexpensive to stock. For example, the same terminating protection device sized for a "C" sized cell can be used on any larger size cell, for example, a "D" sized cell, by providing a spacer taking up the space between the edge of the larger cell and the terminating protection device.